

ROOFINOX

Product overview



**HFX STAINLESS
FOR ROOF +
FACADE**

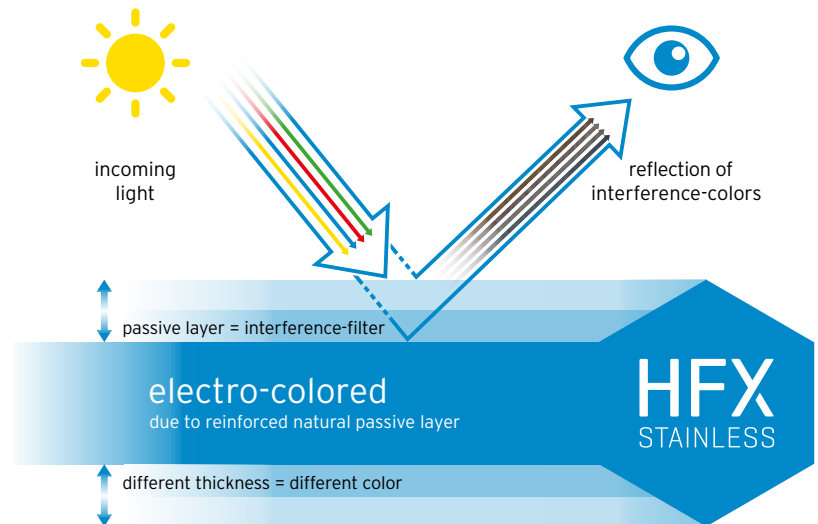
Like no other.

Like no other.

DURA AND PROTON COLOR WITHOUT COLOR

The electro-coloring process eliminates fading, yellowing or peeling of the color. Electro-coloring is achieved by stimulating the natural self-healing layer of stainless steel and reinforcing its thickness in a controlled manner.

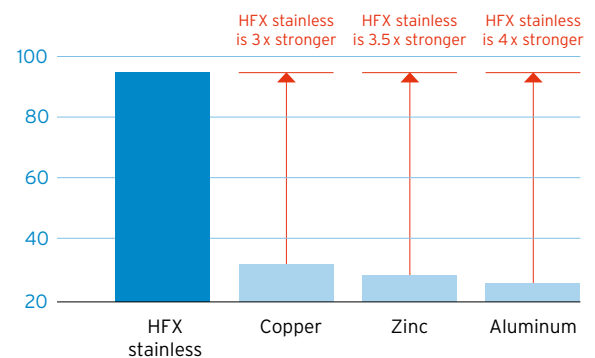
This creates an interference filter, and the extraordinary color effect becomes visible. No pigments or paints are applied.



STRONGEST METAL

HFX stainless is thinner, more durable, and 4 times stronger than aluminum, making stainless steel one of the most robust metals available for the building envelope.

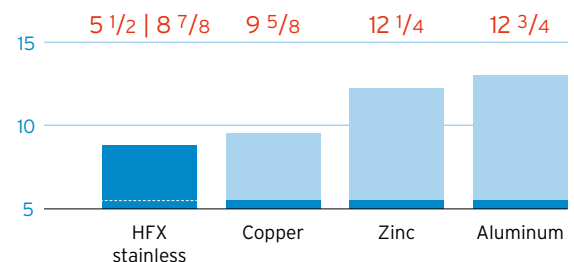
Tensile Strength R_m (KSI)



LOWEST EXPANSION

HFX stainless is proven to have the lowest thermal expansion of comparable architectural metals. This means less movement after installation, thereby reducing waviness and noise. The minimal expansion allows for seamless installations.

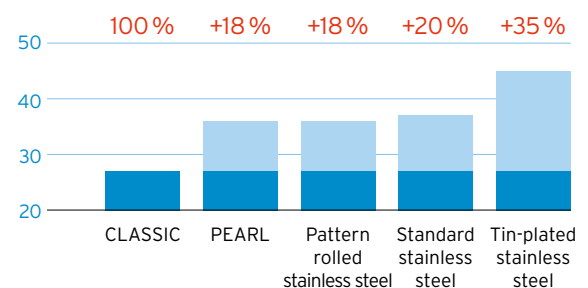
Thermal expansion (10^{-6} in/in/°F)



MOST FLEXIBLE STAINLESS

HFX stainless was specially developed for craftsmen and architects. It is therefore highly flexible, 35% more malleable, ideal for soldering and available as a comprehensive integral system.

Yield strength $R_{p0.2}$ (KSI)



HFX stainless

ROOFINOX is the inventor of the HFX stainless technology. HFX stainless is a highly flexible stainless steel with added benefits and special surface effects for roof and facade. HFX is the evolution of stainless steel.

THE BEST ADVANTAGES OF STAINLESS STEEL

- longevity
- rust-free material
- high strength



HIGHLY-FLEXIBLE WITH SPECIAL FX (EFFECTS)

- specially for roof and facade
- matte and colored
- easy to work with
- 100 % UV-resistant
- sustainable



HFX

STAINLESS



MOST SUSTAINABLE ROOFS + FACADES

HFX stainless has a life expectancy of over 200 years, is made from over 90 % recycled material and is 100 % recyclable. In addition, HFX stainless is 100 % natural, pollutant-free and without heavy metal run-off.

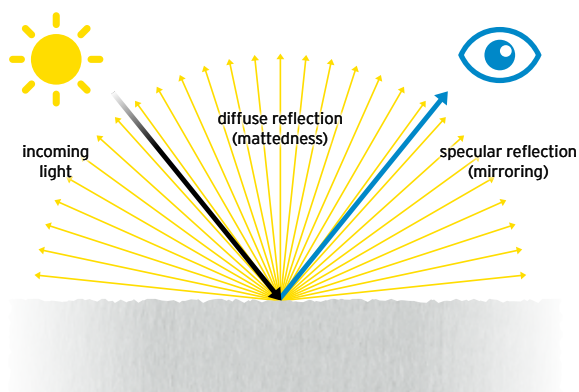


LONGEST SERVICE LIFE

HFX stainless is durable like no other. ROOFINOX represents this with a one-of-a-kind material warranty. Warranty conditions according to GTC, 60-year material warranty only with prior approval.

MATTEST SURFACE

HFX stainless technology enables the mattest stainless steel surfaces. For roofs and facades, a particularly matte surface is desired to avoid glare. The rough surface of HFX stainless diffuses the reflected light, making it ultra-matte.



Designs

HFX STAINLESS OFFERS
UNMATCHED DESIGN DIVERSITY.
LIKE NO OTHER.

CLASSIC

Thickness: 26 gauge (0.0197") in stock | 28 gauge (0.0157") | 24 gauge (0.0236") | 22 gauge (0.0315") | 18 gauge (0.0472")
Width: 19 11/16" | 24 5/8" | 39 3/8" | 49 3/16"
Surface: brush-rolled
Availability: seamable HFX coils and sheet metal



DURA-matte


Thickness: 26 gauge (0.0197") | 24 gauge (0.0236") | 22 gauge (0.0315") | 18 gauge (0.0472")
Design: brush-rolled and electro-colored
Availability: seamable HFX sheet metal (max. 40 ft)



PEARL

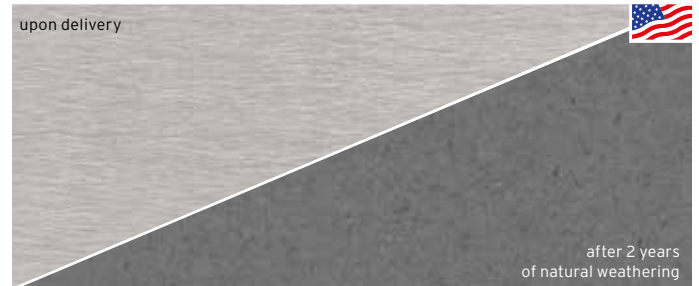
Thickness: 26 gauge (0.0197")
Surface: bead-blasted
Availability: seamable HFX coils and sheet metal



 In stock at our US-warehouse. All other surfaces can be delivered with a longer lead time.

TIN (TERNE)

Thickness: 26 gauge (0.0197") in stock | 28 gauge (0.0157")
Width: 19 11/16" | 24 5/8" | 39 3/8"
Surface: brush-rolled and tin-plated
Availability: seamable HFX coils and sheet metal



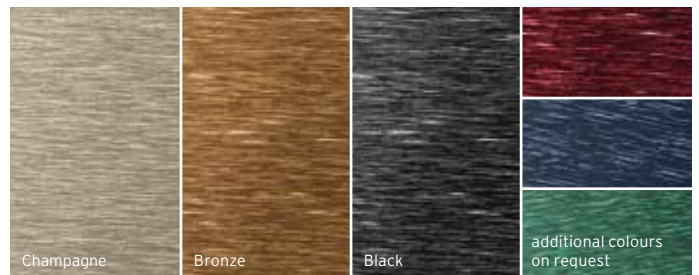
CHROMA

Thickness: 26 gauge (0.0197")
Surface: mirror-rolled
Availability: seamable HFX coils and sheet metal



DURA-brilliant

Thickness: 26 gauge (0.0197") | 24 gauge (0.0236") | 22 gauge (0.0315") | 18 gauge (0.0472")
Design: brush-rolled and electro-colored
Availability: seamable HFX sheet metal (max. 21 ft)



PROTON

Thickness: 26 gauge (0.0197") | 24 gauge (0.0236") | 22 gauge (0.0315") | 18 gauge (0.0472")
Surface: proton-colored
Availability: seamable HFX sheet metal (max. 21 ft)



Available alloys:  439  304  316L

For further details and dimensions, please contact us.

Roofing + Cladding

STANDING SEAM | double lock or angled seam

Standard dimension on center: 16 3/4" or 21 3/4"

Length: up to 98" or longer

Roof pitch: Double lock standing seam from 1/12 |
angled seam from 6/12



TARTAN | square shingle

TARTAN 33 13 1/8" x 13 1/8" *

TARTAN 43 17 1/16" x 17 1/16" *

TARTAN 53 21" x 21" *

Roof pitch: from 6/12

Feature: orthogonal tip + aligned edges



SKALA | square shingle

SKALA 33 13 1/8" x 13 1/8" *

SKALA 41 16 1/4" x 16 1/4" *

SKALA 51 20 3/16" x 20 3/16" *

Roof pitch: from 6/12

Feature: flat + projecting tip



METRO | rhomboid shingle

METRO 27 10 10/16" x 17 7/16"

Roof pitch: from 6/12



MANSARD | diamond shingle

MANSARD 53 10 10/16" x 21 1/4"

Roof pitch: from 6/12



GRID 35 | rectangular shingle

GRID 35 13 14/16" x 92 1/2" mm

Roof pitch: from 6/12



Feature: linear shingle with aspect ratio 1:7



GRID 56 | rectangular shingle

GRID 56 22 1/8" x 45 1/4" mm

Roof pitch: from 6/12



Feature: large format shingle with aspect ratio 1:2



* Differing dimensions for DURA and PROTON shingles.

ROOFINOX®

Like no other.



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Details and warranty conditions can be found
in the warranty certificate.